

Supplementary file for Detection of Jamming Attacks via Source Separation and Causal Inference

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This document reports the position of the network nodes (transmitters), the jammer, and the patrollers (sensors) to ensure the completeness and reproducibility of the results.

I. FIRST SCENARIO WITH 10 TRANSMITTERS

Fig. 1 portrays the scenario adopted for the simulation in the *Numerical Result* section with the positions of transmitters, patrol sensors, and the jammer in a square area of side 100 m. In addition, the coordinates of each entity are reported in Table I.

II. SECOND SCENARIO WITH 20 TRANSMITTERS

Fig. 2 shows the scenario adopted for the simulation in the subsection *Effect of collisions* where now the number of transmitters is equal to 20. In addition, the coordinates of each actor are reported in Table II.

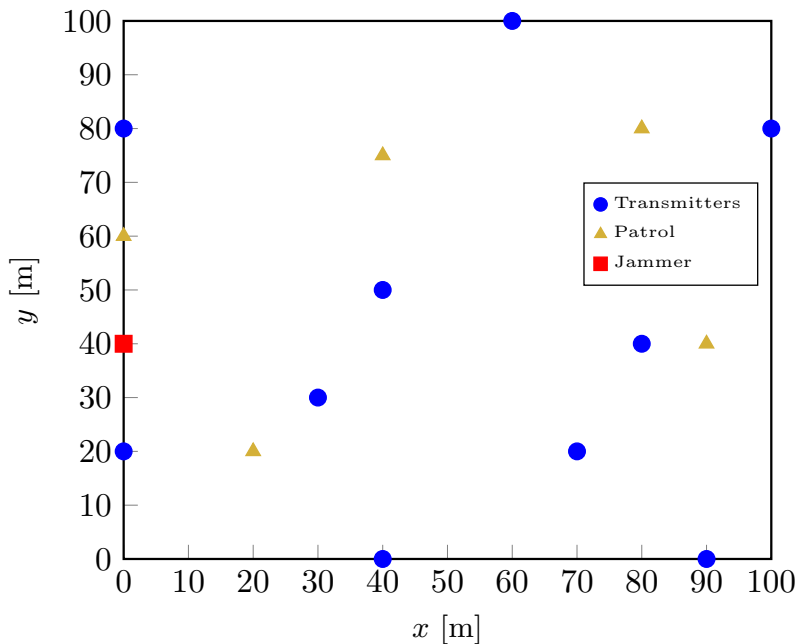


Fig. 1: Coordinates of 10 transmitters, 5 patrol sensors and a jammer.

	x [m]	y [m]
Transmitters	0	20
	0	80
	30	30
	40	0
	40	50
	60	100
	70	20
	80	40
	90	0
	100	80
Patrol	20	20
	0	60
	80	80
	40	75
	90	40
Jammer	0	40

TABLE I: Actors' coordinates in the scenario with 10 transmitters.

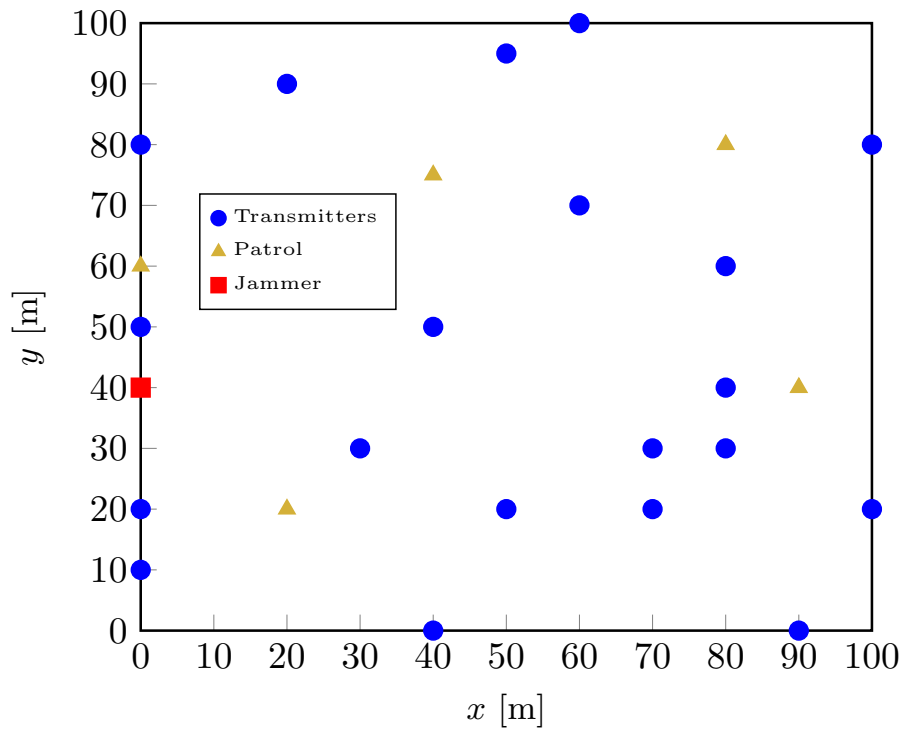


Fig. 2: Coordinates of 20 transmitters, 5 patrol sensors and a jammer.

	x [m]	y [m]
Transmitters	0	20
	0	80
	30	30
	40	0
	40	50
	60	100
	70	20
	80	40
	90	0
	100	80
	0	50
	70	30
	20	90
	60	70
	80	30
	100	20
	0	10
	50	20
	80	60
	50	95
Patrol	20	20
	0	60
	80	80
	40	75
Jammer	90	40
	0	40

TABLE II: Actors' coordinates in the scenario with 20 transmitters.